

DETAILED ACTION

1. This office action is in response to the amendment filed on 11/10/2010.
2. Claim 12 has been cancelled.
3. Claims 1, 5, 11, 15, 20, 26 and 37 have been amended.
4. 35 U.S.C. § 112 second paragraph rejection to claim 12 is withdrawn in view of Applicants' claim cancellation.
5. Claims 1, 3, 5-6, 8-11, 13-16, 18-20, 22-26, 28-30 and 37-45 remain pending
6. Claims 1, 11, 20 and 37 are further amended and now are allowed (re-numbered as 1-32).

EXAMINER'S AMENDMENT

7. An examiner's amendment to the record appears below. Should the changes and/or additions be unacceptable to applicant, an amendment may be filed as provided by 37 CFR 1.312. To ensure consideration of such an amendment, it MUST be submitted no later than the payment of the issue fee.
8. Authorization for this examiner's amendment was given in a telephone interview with Brian Tucker (Reg# 61,550) on 01/28/2010 to obviate any potential 35 U.S.C. § 112 issues, and to put the claims in condition for allowance.
9. The application has been amended as follows:

IN THE CLAIMS

Please amend claims 1, 11, 20 and 37 as follows:

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1. (Currently Amended) A system that facilitates management of a build process, comprising:

a build process processor that executes to build a project that includes a plurality of build entities, wherein building the project includes compiling at least one of the plurality of build entities, the build entities including one or more project files, operating system account information, and one or more assemblies; and

a policy component that is accessed by the build process processor before building the project to determine a level of trust within which the build process executes, wherein the policy component specifies a level of trust for each build entity involved in the build process;

wherein the level of trust within which the build process executes is determined by analyzing the levels of trust associated with each of the plurality build entities, and selecting the lowest level of trust of all involved build entities,

wherein the levels of trust include:

(i) levels that are representative of trusted, which has no restrictions on the build process,

(ii) semi-trusted, which has restrictions on the build process, the restrictions including preventing the build process from accessing a the registry of operating system executed in the system and from having Transmission Control Protocol/Internet Protocol (TCP/IP) access of the system, and

(iii) untrusted, which causes the build process to fail,

wherein if the lowest level of trust is untrusted and the build process fails, the developer is notified.

11. (Currently Amended) A system that facilitates management of a build process, comprising:

a build process processor that executes to build a project that includes a plurality of build entities, wherein building the project includes compiling at least one of the

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plurality of build entities, the build entities including one or more project files, operating system account information, and one or more assemblies; and

one or more policy files that are accessed by the build process processor before building the project to determine a permission level within which the build process executes, wherein the one or more policy files specify a level of trust for each of the plurality of build entities involved in the build process;

wherein the permission level within which the build process executes is determined by analyzing the levels of trust associated with each of the plurality of build entities, and selecting the lowest level of trust of all involved build entities,

wherein the levels of trust include:

(i) levels that are representative of trusted, which has no restrictions on the build process,

(ii) semi-trusted, which has restrictions on the build process, the restrictions including preventing the build process from accessing the a registry of operating system executed in the system and from having Transmission Control

Protocol/Internet Protocol (TCP/IP) access of the system, and

(iii) untrusted, which causes the build process to fail,

wherein if the lowest level of trust is untrusted and the build process fails, the developer is notified.

20. (Currently Amended) A computer storage medium having computer-executable instructions for performing a method for managing a build process, the method comprising:

receiving a command to build a project that includes a plurality of build entities, the build entities including one or more project files, operating system account accessing one or more policy files to determine a level of trust for each of the plurality of build entities, wherein the one or more policy files specify a level of trust for each of the plurality of build entities involved in the build process, wherein the levels of trust include:

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- (i) a trusted level that places no restrictions on the build process,[[.]]
 - (ii) a semi-trusted level that places restrictions on the build process, but still allows the build process to execute, the restrictions including preventing the build process from accessing ~~the~~ a registry of operating system executed in the system and from having Transmission Control Protocol/Internet Protocol (TCP/IP) access of the system,[[.]]and
 - (iii) an untrusted level that causes the build process to abort;
- determining the level of trust under which the build process executes by determining the lowest level of trust that is assigned to a build entity in the project; and
- ~~executing~~ executing the build process with the determined level of trust, if the level of trust is trusted or semi-trusted, or failing the build process if the level of trust is untrusted.

37. (Currently Amended) A method performed by a processor of a computer system for specifying a level of trust under which a build process is executed in an integrated development environment, the method comprising:

receiving, by a processor that executes code for the integrated development environment, a command to build a project that includes a plurality of build entities, the build entities including one or more project files, operating system account information, and one or more assemblies;

accessing one or more policy files to determine a level of trust for each of the plurality of build entities, wherein the one or more policy files specify a level of trust for each of the plurality of build entities involved in the build process, wherein the levels of trust include:

- (i) a trusted level that places no restrictions on the build process,[[.]]
- (ii) a semi-trusted level that places restrictions on the build process, but still allows the build process to execute, the restrictions including preventing the build process from accessing ~~the~~ a registry of operating system executed in the

system and from having Transmission Control Protocol/Internet Protocol (TCP/IP) access of the system, and

(iii) an untrusted level that causes the build process to abort;

determining the level of trust under which the build process executes by determining the lowest level of trust that is assigned to a build entity in the project; and

~~executing~~ executing the build process with the determined level of trust, if the level of trust is trusted or semi-trusted, or failing the build process if the level of trust is untrusted.

--END OF AMENDMENT--

Allowable Subject Matter

10. As the Applicants pointed out under REMAKRS section, page number 10-12, “Specifically, the combination of art fails to teach or suggest each of the limitations including: a build process processor that executes to build a project that includes a plurality of build entities, wherein building the project includes compiling at least one of the plurality of build entities, the build entities including one or more project files, operating system account information, and one or more assemblies; and a policy component that is accessed by the build process processor before building the project to determine a level of trust within which the build process executes, wherein the policy component specifies a level of trust for each build entity involved in the build process; wherein the level of trust within which the build process executes is determined by analyzing the levels of trust associated with each of the plurality of build entities, and selecting the lowest

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level of trust of all involved build entities, wherein the levels of trust include: (i) levels that are representative of trusted, which has no restrictions on the build process, (ii) semi-trusted, which has restrictions on the build process, the restrictions including preventing the build process from accessing the registry and from having TCP/IP access, and (iii) untrusted, which causes the build process to fail, wherein if the lowest level of trust is untrusted and the build process fails, the developer is notified”, and in as such manners as recited in the independent claims 1, 11, 20 37, and thus each of the dependent claims are allowable for at least the same reasons.

11. Any comments considered necessary by applicant must be submitted no later than the payment of the issue fee and, to avoid processing delays, should preferably accompany the issue fee. Such submissions should be clearly labeled “Comments on Statement of Reasons for Allowance.”

Conclusion

Any inquiry concerning this communication or earlier communications from examiner should be directed to Zheng Wei whose telephone number is (571) 270-1059 and Fax number is (571) 270-02059. The examiner can normally be reached on Monday-Thursday 8:00-15:00.

If attempts to reach the examiner by telephone are unsuccessful, the examiner’s supervisor, Tuan Q. Dam can be reached on (571) 272-3695. The fax phone number for the organization where this application or proceeding is assigned is 571-273-8300.

Any inquiry of a general nature of relating to the status of this application or proceeding should be directed to the TC 2100 Group receptionist whose telephone number is 571- 272-1000.

Information regarding the status of an application may be obtained from the Patent Application Information Retrieval (PAIR) system. Status information for published applications may be obtained from either Private PAIR or Public PAIR. Status information for unpublished applications is available through Private PAIR only. For more information about the PAIR system, see <http://pair-direct.uspto.gov>. Should you have questions on access to the Private PAIR system, contact the Electronic Business Center (EBC) at 866-217-9197 (toll-free). If you would like assistance from a USPTO Customer Service Representative or access to the automated information system, call 800-786-9199 (IN USA OR CANADA) or 571-272-1000.

/Z. W./
Examiner, Art Unit 2192

/Tuan Q. Dam/
Supervisory Patent Examiner, Art Unit 2192